

FIG.1A

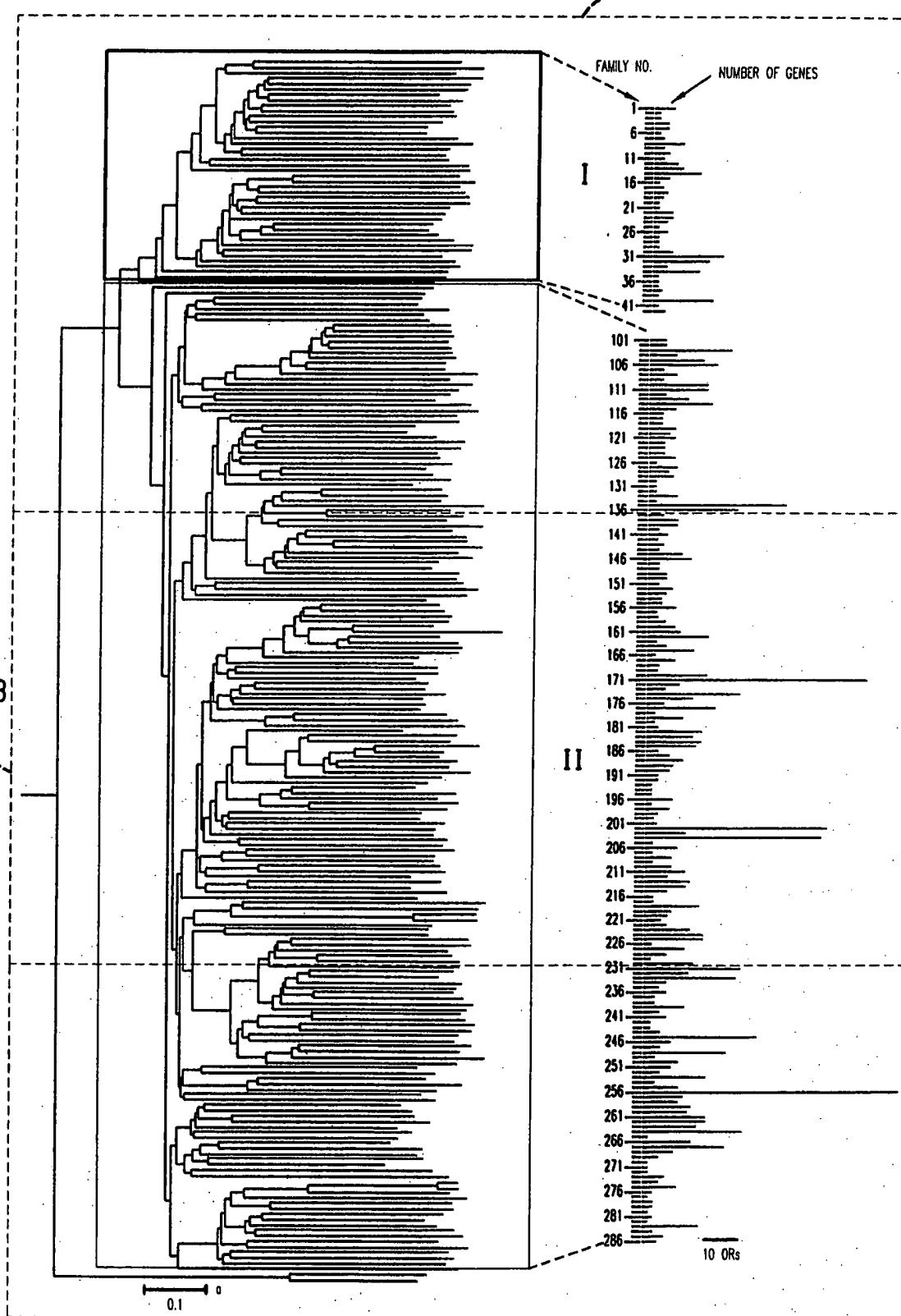
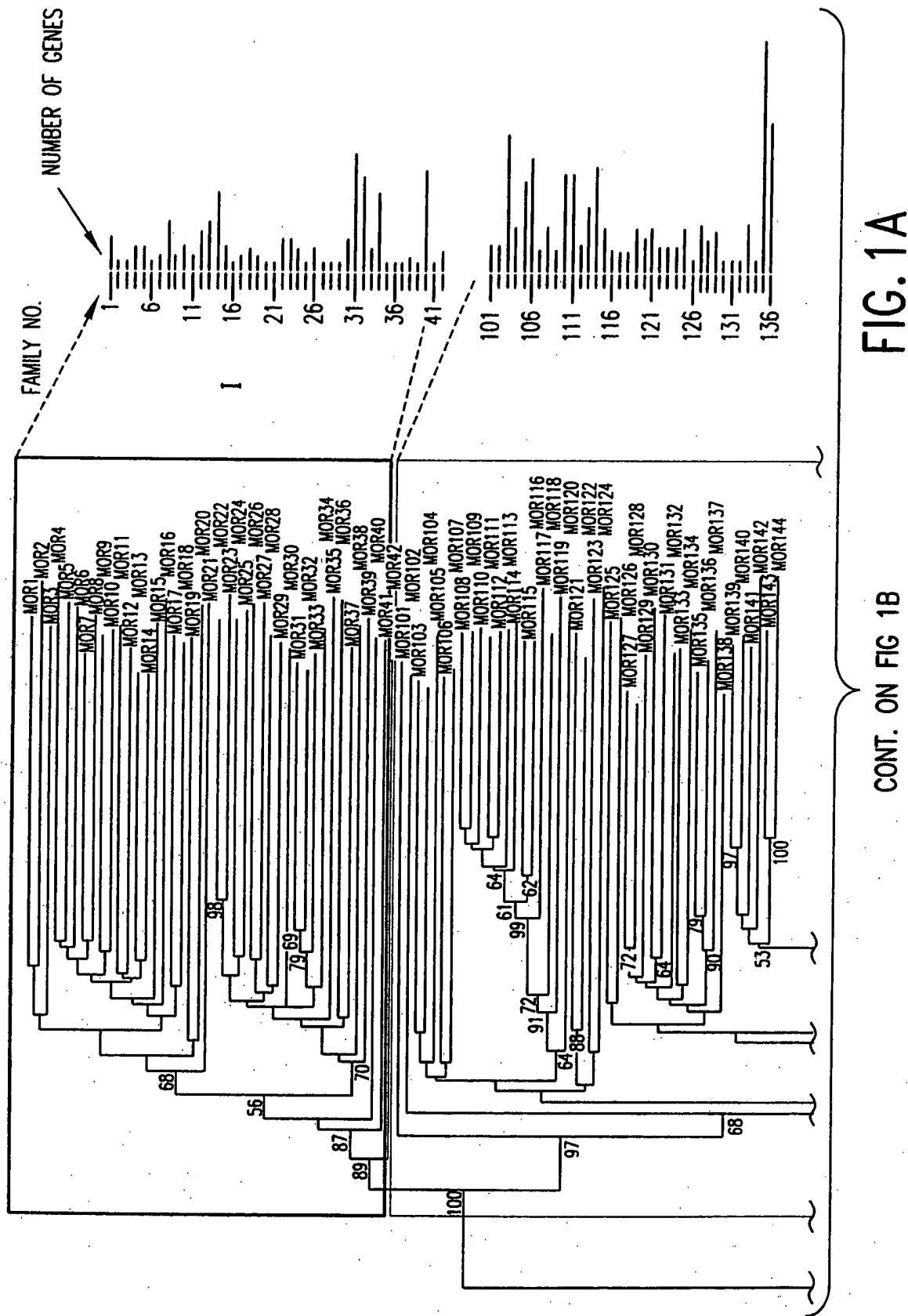


FIG.1

FIG.1C



CONT. FROM FIG 1A

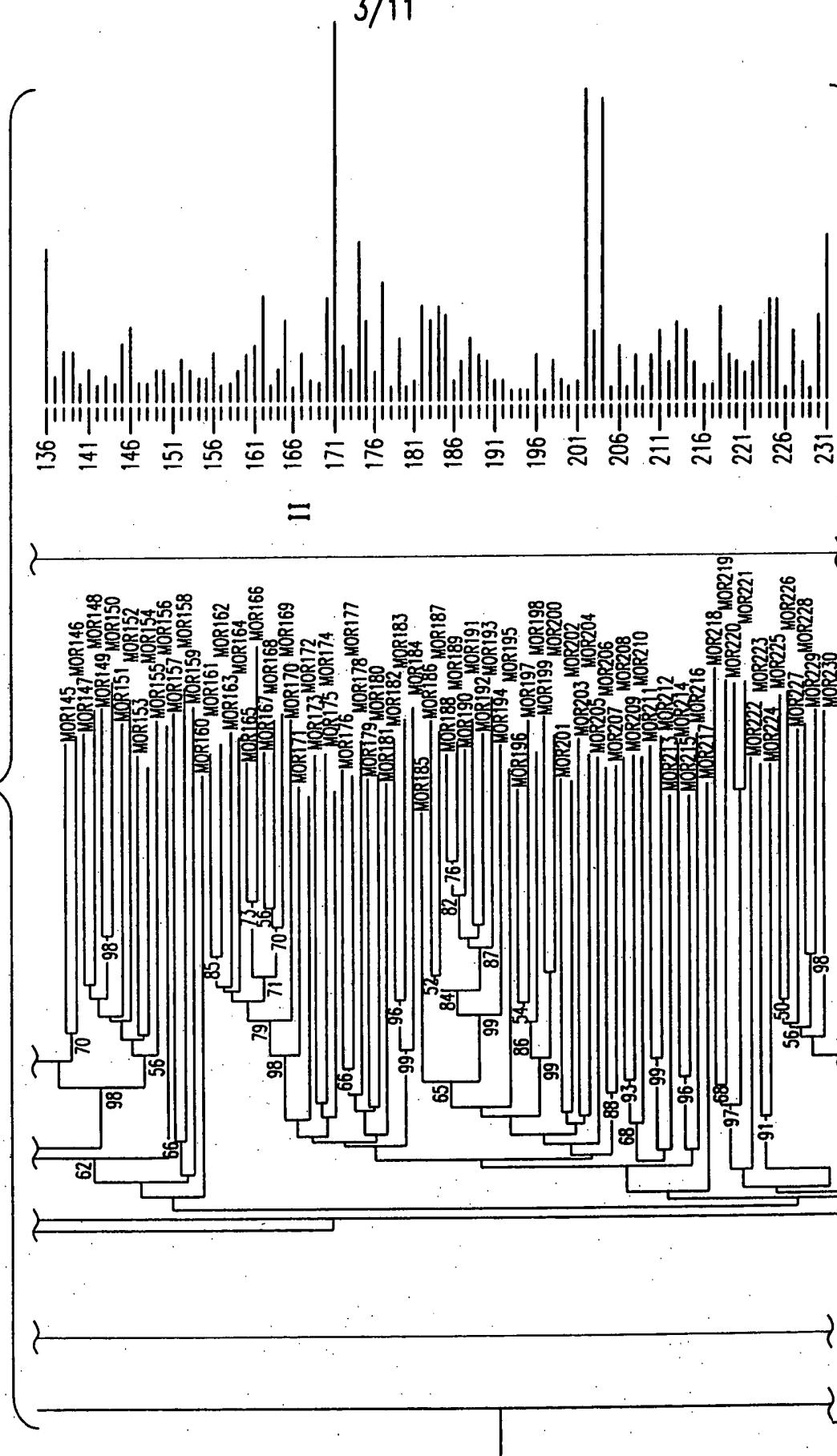


FIG. 1B

CONT. ON FIG 1C

CONT. FROM FIG 1B

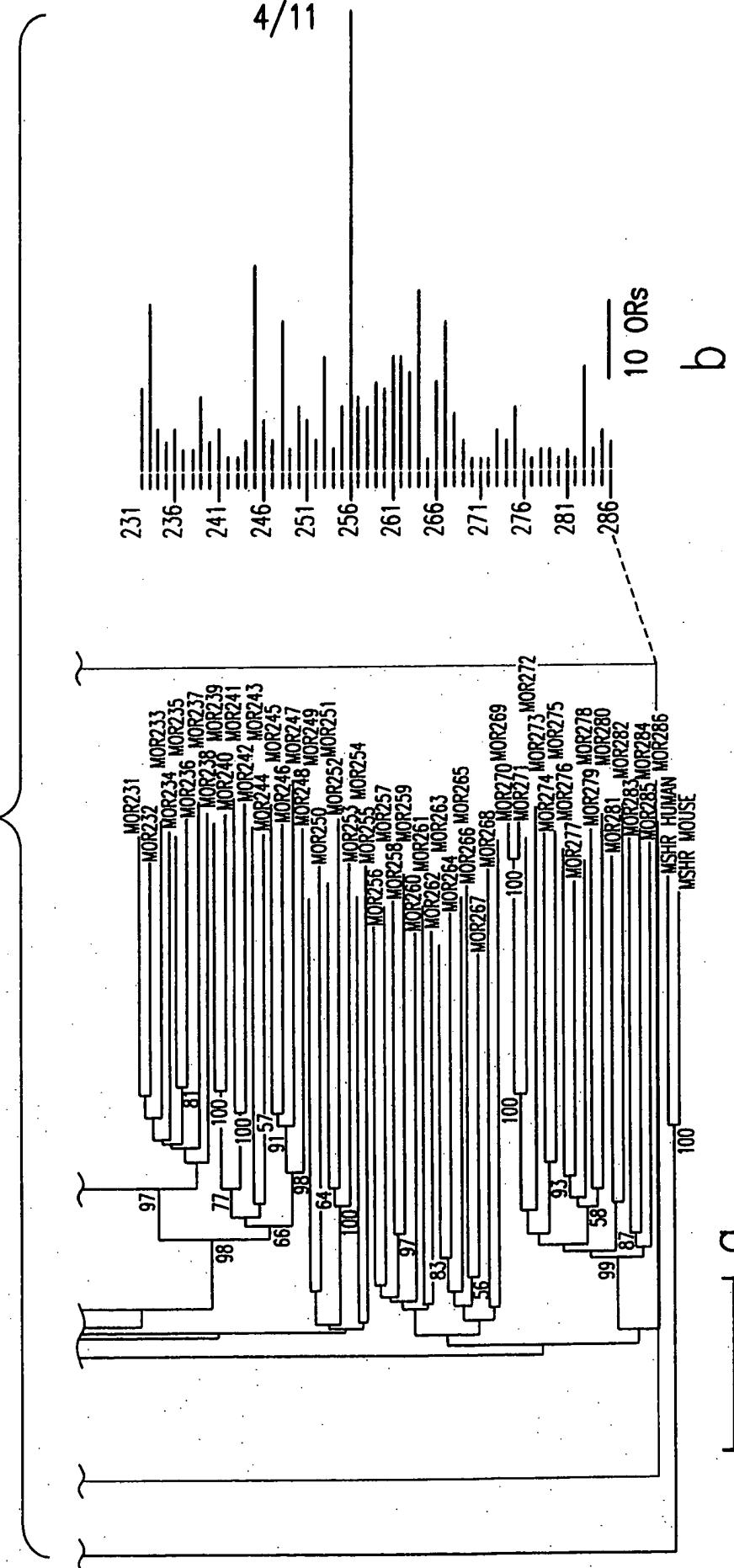


FIG. 1C

b

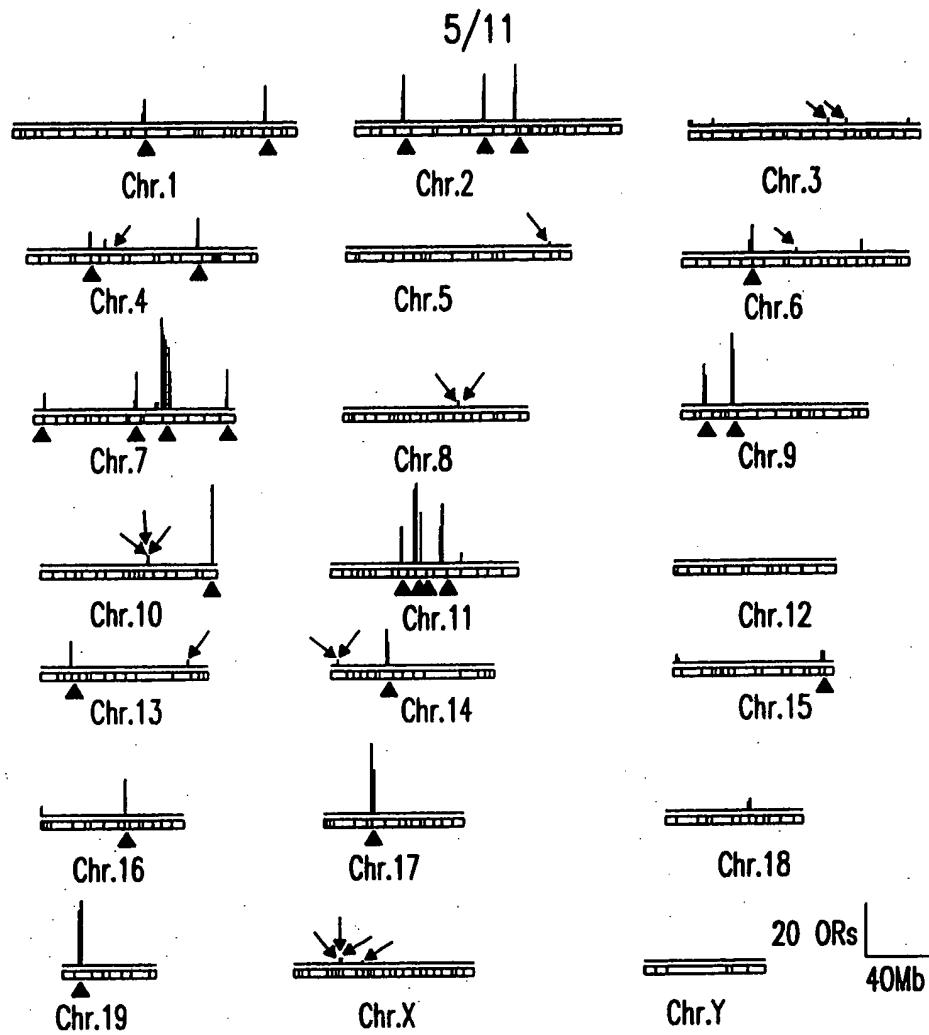


FIG. 2A

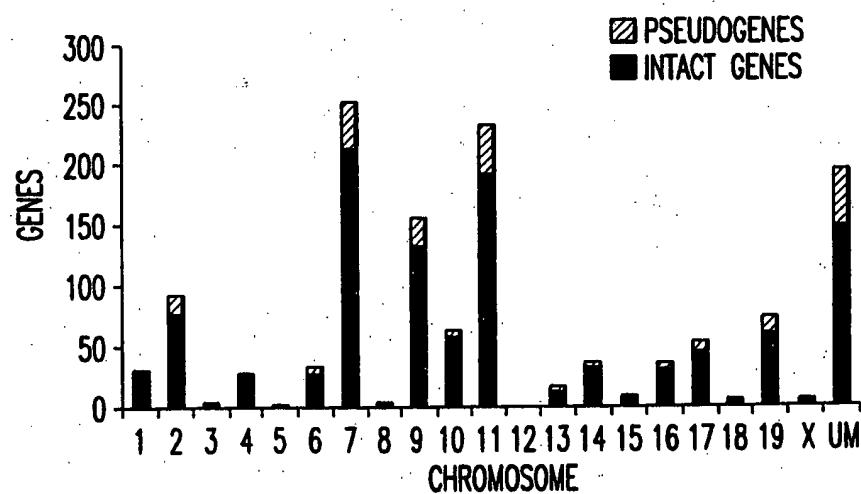


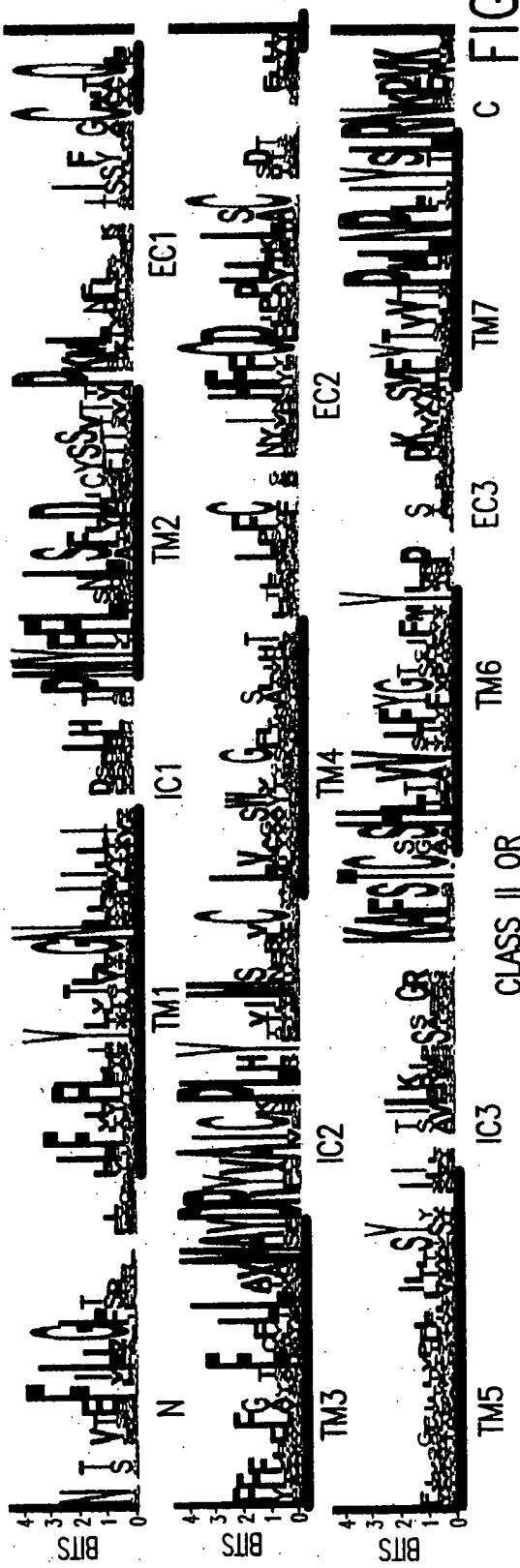
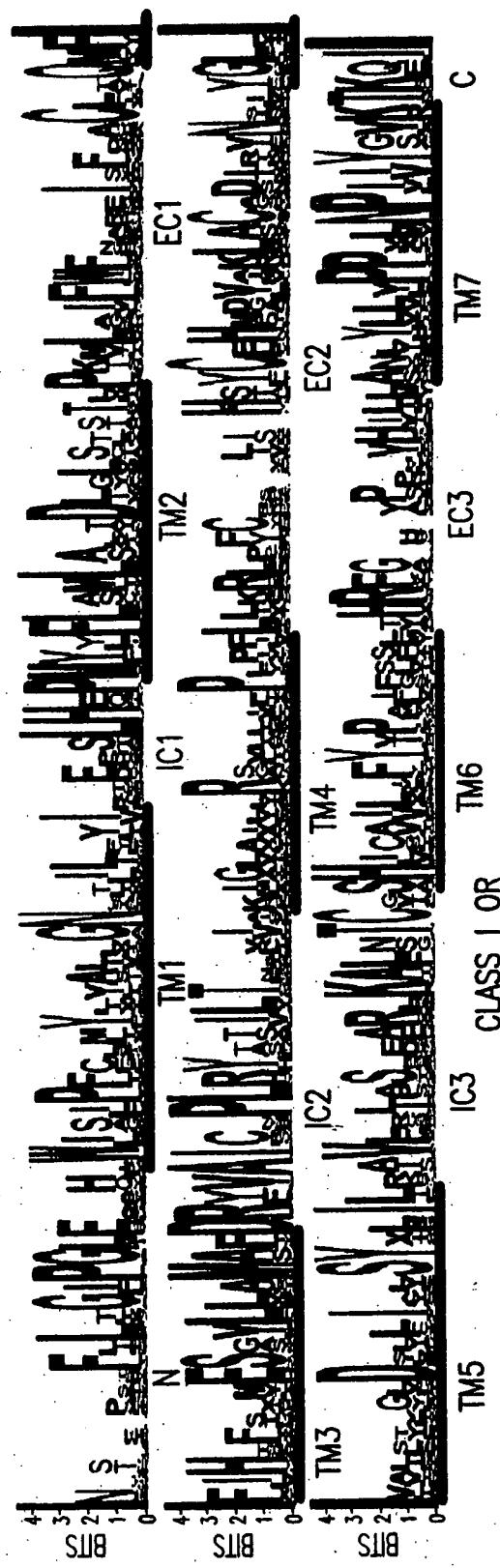
FIG. 2B

CLUSTER	DISTRIBUTION OF ORs	KNOWN LOCI MAPPED ON THE CLUSTER
CLUSTER1-1 (85.24-85.38M)	*** 8 ORs	o1fr12
CLUSTER1-2 (164.73-166.04M)	*** x ..... *** 21 ORs	o1fr16
CLUSTER2-1 (32.41-33.37M)	*** 33 ORs	o1fr3
CLUSTER2-2 (87.68-88.07M)	*** 22 ORs	o1fr4-1, o1fr4-2, o1fr4-3
CLUSTER2-3 (109.01-110.00M)	*** 36 ORs	
CLUSTER4-1 (40.14-40.27M)	*** 6 ORs	o1fr37, o1fr70, o1fr71,
CLUSTER4-2 (111.96-112.29M)	*** 14 ORs	
CLUSTER6-1 (41.12-42.69M)	x ..... * 24 ORs	o1fr38,
CLUSTER7-1 (5.40-5.53M)	*** 8 ORs	o1fr5
CLUSTER7-2 (67.18-67.57M)	*** 16 ORs	o1fr2
CLUSTER7-3 (83.22-89.41M)	*** 208 ORs	o1fr6, o1fr17, o1fr64-69
CLUSTER7-4 (127.88-128.36M)	*** 16 ORs	
CLUSTER9-1 (11.65-13.15M)	*** 41 ORs	o1fr18, o1fr39,
CLUSTER9-2 (29.73-32.19M)	*** 113 ORs	o1fr7, o1fr7b,
CLUSTER10-1 (111.50-112.58M)	*** 58 ORs	o1fr9,
CLUSTER11-1 (47.23-47.86M)	*** 21 ORs	o1fr10,
CLUSTER11-2 (54.71-57.46M)	*** 140 ORs	o1fr4,
CLUSTER11-3 (59.46-60.67M)	*** 25 ORs	
CLUSTER11-4 (74.41-75.45M)	*** 42 ORs	o1fr1,
CLUSTER13-1 (16.33-16.95M)	*** x 12 ORs	o1fr11,
CLUSTER14-1 (38.07-40.29M)	*** x 32 ORs	
CLUSTER15-1 (96.89-97.18M)	*** 7 ORs	
CLUSTER16-1 (54.70-55.28M)	*** 26 ORs	
CLUSTER17-1 (29.35-30.65M)	*** 50 ORs	
CLUSTER19-1 (8.55-10.54M)	*** x 71 ORs	
CLUSTERUM-1 (0.00-0.11M)	*** 7 ORs	
CLUSTERUM-2 (0.00-1.45M)	*** 73 ORs	o1fr4?

1MB

FIG.3

7/11



C + FIG. 4

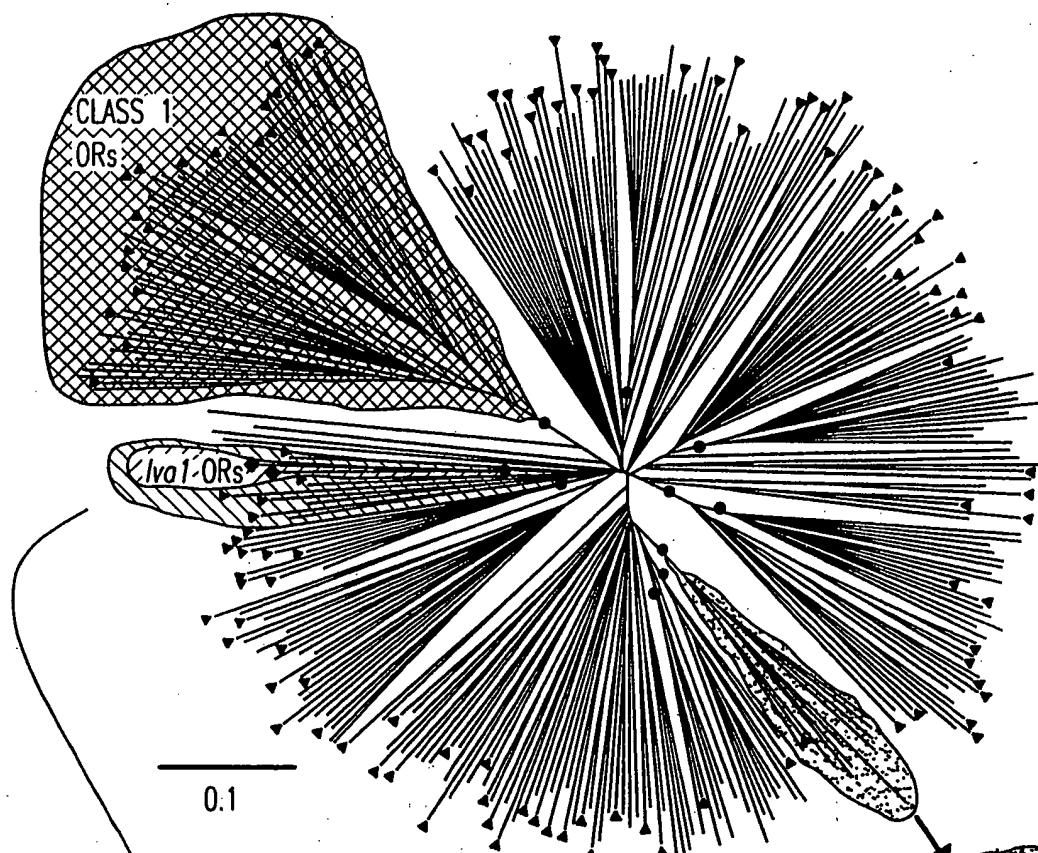


FIG. 5A

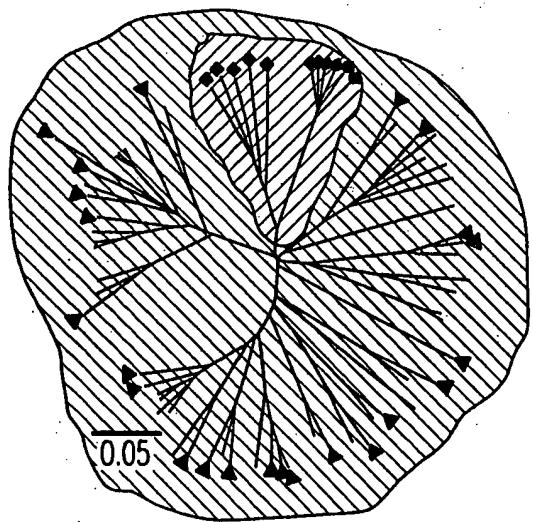


FIG. 5C

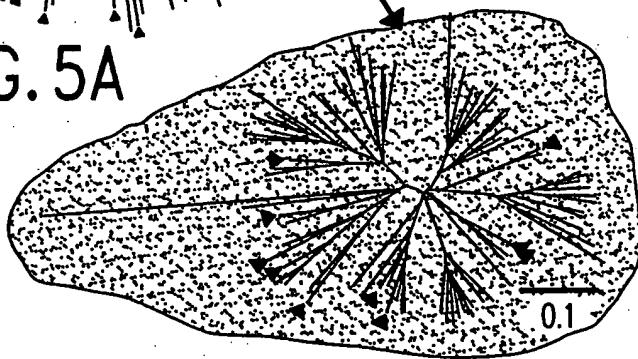


FIG. 5B

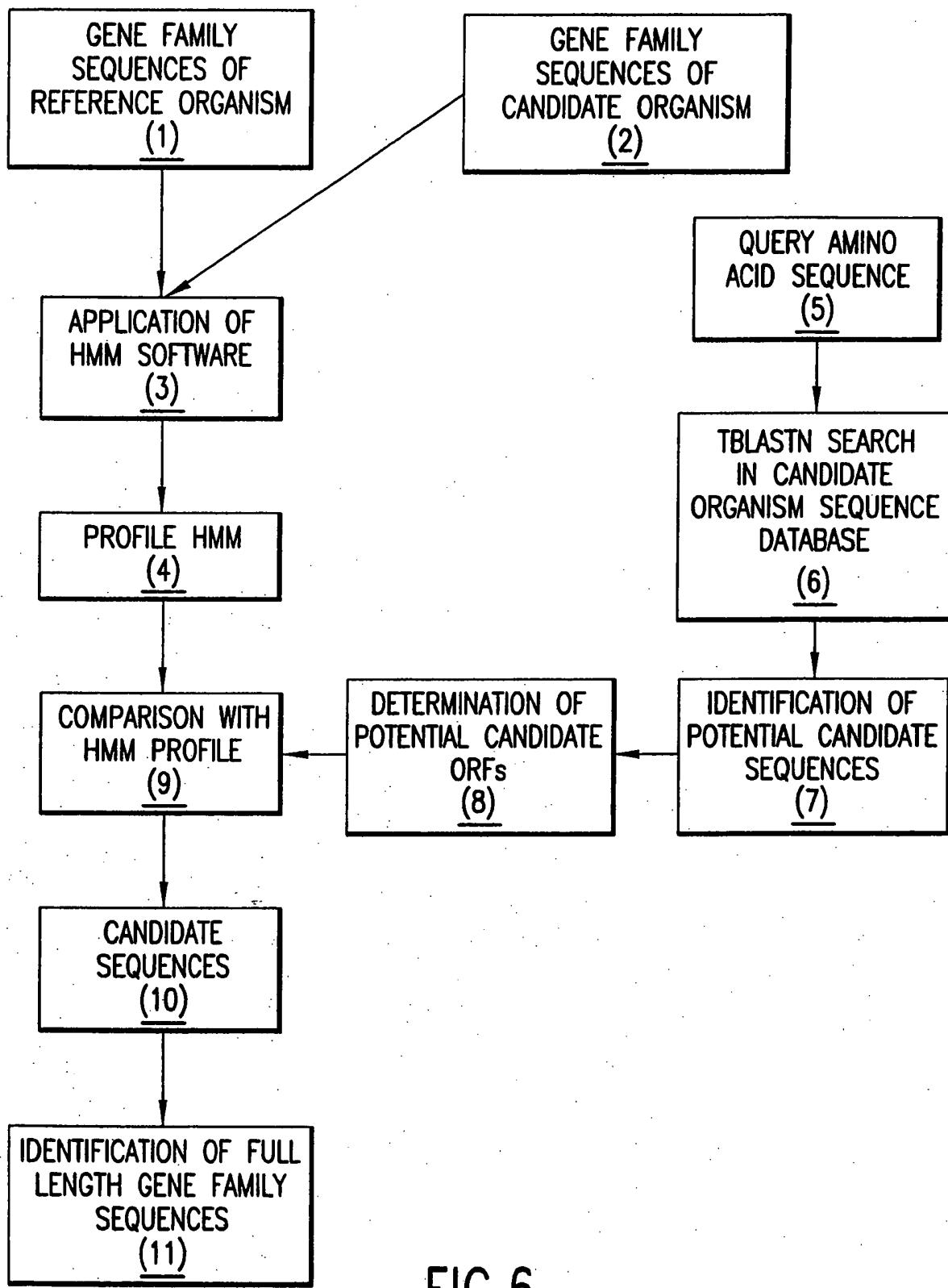


FIG.6

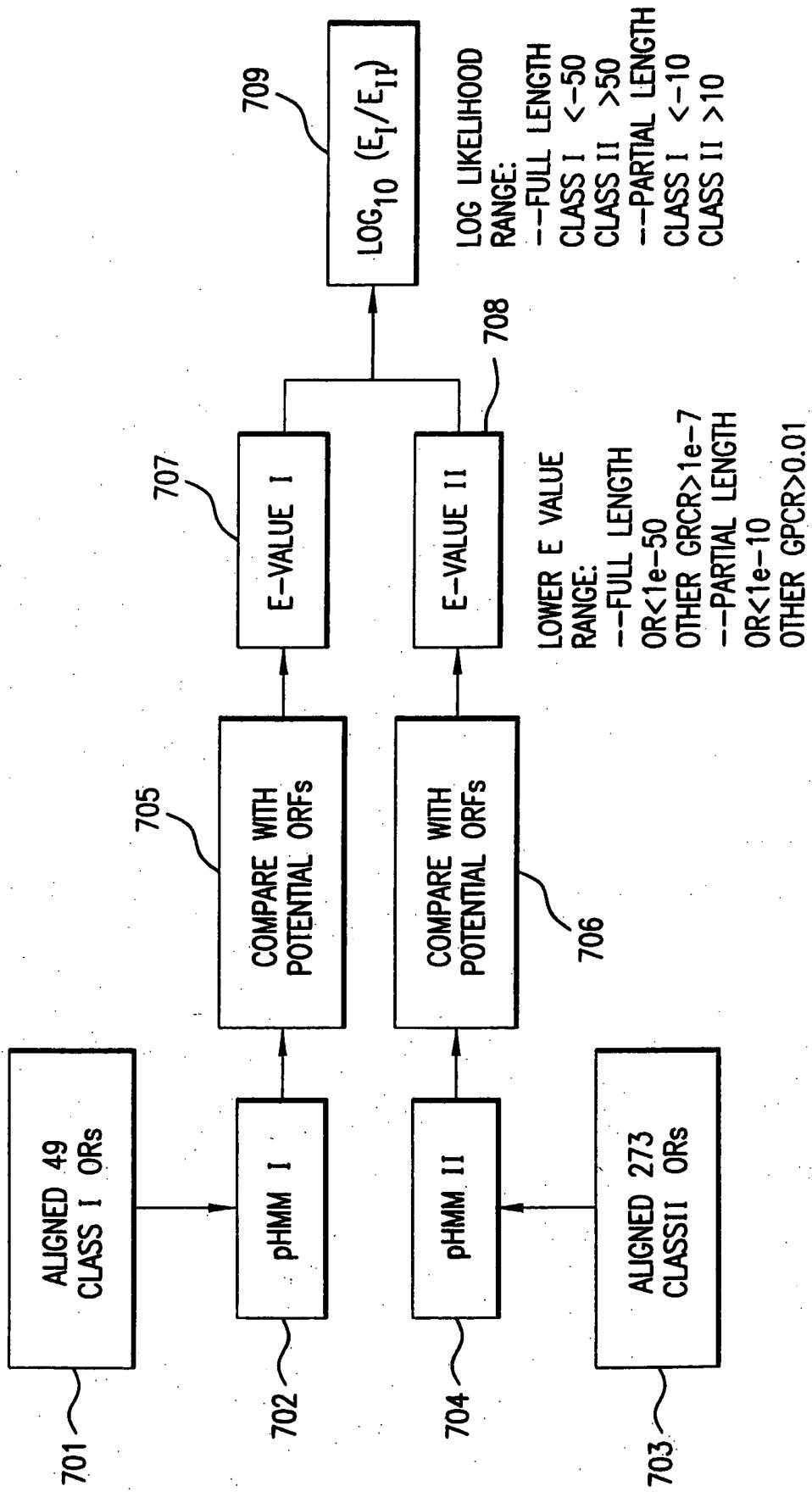


FIG. 7A

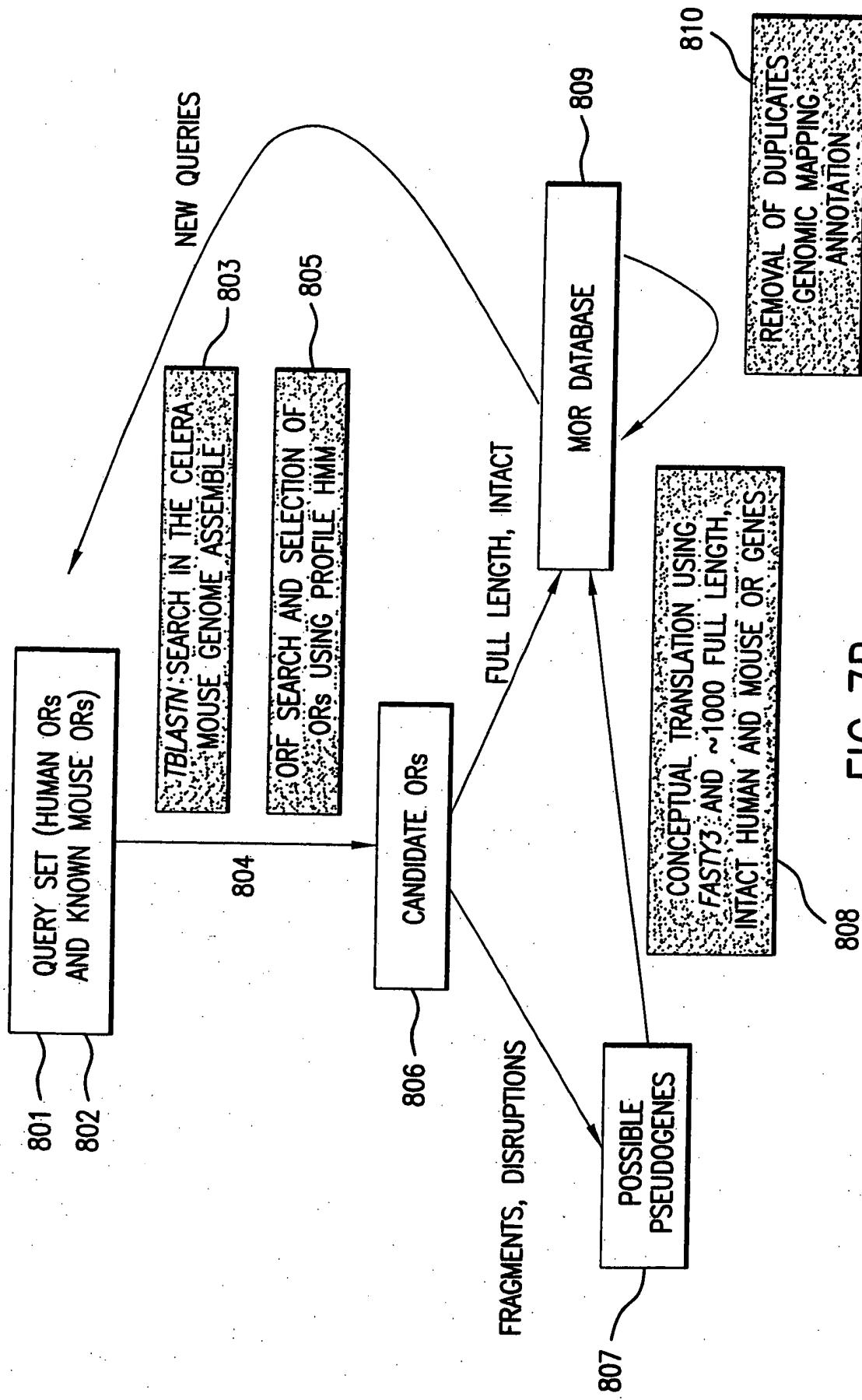


FIG. 7B